

## **VESA® Issues Mini DisplayPort™ Standard; Small Connector Supports Full Range of Capabilities Defined in DisplayPort Version 1, Rev. 1a**

Milpitas, CA., November 10, 2009 – The Video Electronics Standards Association (VESA) today issued its Mini DisplayPort (mDP) Connector Standard, defining the new, small connector that supports the full range of power, signaling and protocol capabilities defined in the DisplayPort Standard Version 1, Revision 1a.

Mini DisplayPort meets the need for a smaller form factor connector for devices such as thin portable computers and add-in cards with multiple display interfaces. The mDP connector can be used as an alternative to the standard DisplayPort connector defined in Version 1, Rev. 1a.

The mDP standard defines the mechanical dimensions of the mDP connector and the cable assemblies and adaptors that are supported. Devices using the mDP connector will meet all the electrical and protocol specifications required by DisplayPort 1.1a, and cable assemblies incorporating an mDP connector at either or both ends must meet the cable assembly electrical specifications required by the standard.

Originally developed by Apple for its new generation of portable PCs, Mini DisplayPort is much smaller than DVI (Digital Video Interface) or VGA connectors and enables full function display output on ultrathin notebooks and netbooks. Earlier this year, Apple agreed to license the mDP interface to VESA for inclusion in the DisplayPort standard.

VESA is finalizing DisplayPort 1.2, which incorporates mDP and doubles available bandwidth to 21.6 Gb/second. The increased bandwidth enables new capabilities such as multi-monitor support via a single output connector, higher resolutions, refresh rates and color depths, along with high performance 3D displays.

The mDP standard can be downloaded free of charge from [www.vesa.org](http://www.vesa.org) or [www.displayport.org](http://www.displayport.org)